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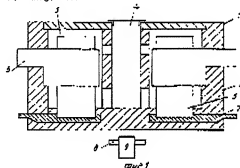
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(54) ELECTROLYZER FOR PRODUCING MANGANESE AND CHLORINE

(57) Abstract

FIELD manganese production by melt electrode ELECTROLYZER SUBSTANCE: electrolyzer has housing 1, lining 2, work room 3 with cathodes 5 and anodes 6 with contact heads 7, sectional cell 4 Header 9 with rigidly connected jets 6 is placed under electrolyzer housing bottom The jets are directed towards work rooms 3 Number of jets is equal to number of anodes 6 The jets are placed in parallel, perpendicular, and inclined to hearth Ribs are placed between the jets. Header 9 is placed under the hearth of sectional cell. EFFECT: excessive heat rejection, temperature control, 8 - 10 % increased productivity 6

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